A tree stand, for attaching onto a tree and creating an elevated platform thereon, comprising a platform having a pair of side members, a pair of seat supports pivotally attached to the platform, a bracing system for fixing an angle between the platform and side members, and a pair of upper levelers and a pair of lower levelers. The lower levelers extend from the side members and adjust to the contours of the tree. The upper levelers extend from the seat supports and further aid adjustment to the contours of the tree. The bracing system is adjustable to adjust the angle between the platforms and seat supports. A seat assembly is mounted to the seat supports and provides height adjustment to the user. The adjustability of the upper levelers, lower levelers, and bracing system help ensure that a horizontal platform can be achieved despite trees of varying configurations and lean angles.